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Manufacturing Of The Future -- Chapter 8. Share of Local Assortments in Revenue for a Large Scale National Food Retailer : Assessment of Long and Short Time Series Patterns -- Chapter 9. Benchmarking Retrieval Augmented Generation in Quantitative Finance -- Chapter 10. Evaluating the Economic Viability of Solid Waste Recy cling Facilities: A Stochastic Approach Using Monte Carlo Simulation -- Chapter 11. Navigating Economic Uncertainty: A Fuzzy Logic Approach -- Chapter 12. Novel Stochastic Methods for Intelligent European Options Valuation -- Chapter 13. Detecting anomalies in data using Z-numbers -- Chapter 14. A fuzzy approach to macroeconomic stability -- Chapter 15. A Bibliometric Analysis on Fuzzy Approaches in Finan cial Management -- Chapter 16. Financial Performance Evaluation of Leading Retail Companies in BIST Utilizing Decomposed Fuzzy TOPSIS -- Chapter 17. Intelligent Automated Control in Accordance with Resource Efficiency Criteria Toward Circular Economy Transition -- Chapter 18. Measuring the effectiveness of the online education sys tem through DEA -- Chapter 19. Selection of Carrier Services for E-Commerce: CINFUS AHP Methodology for Optimal Decision -- Chapter 20. An Intelligent System for Ranking E-Commerce Customer Reviews to Boost Engagement -- Etc...

| Sommario/riassunto | This book presents recent research in intelligent and fuzzy techniques on Intelligent Industrial Informatics and Efficient Networks. This cutting-edge field integrates advanced technologies, such as artificial intelligence, machine learning and data analytics, into industrial processes, revolutionizing the way industries operate. The book presents the examples of the implementation of smart sensors and IoT devices, which facilitate real-time data collection and communication. High-speed, low-latency networks ensure that information flows effortlessly between devices, enabling timely responses and enabling the coordination of complex manufacturing processes. This network architecture supports the integration of edge computing, where data processing occurs closer to the source, reducing latency and enabling faster decision-making. The readers can benefit from this book for maintaining a leadership position among competitors in both manufacturing and service companies. The intended readers are intelligent and fuzzy systems researchers, lecturers, M.Sc. and Ph.D. students studying intelligent and fuzzy techniques. The book covers fuzzy logic theory and applications, heuristics and metaheuristics from optimization to machine learning, from quality management to risk management, making the book an excellent source for researchers. |